

FORM PTO-1449 (REV.7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 890050.519USPC	APPLICATION NO. 10/519,693
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS Tatsuhiro Kobayashi et al.	
		FILING DATE June 27, 2003	GROUP ART UNIT 2656

U.S. PATENT DOCUMENTS


*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
vp	AK	6-89436	03/29/94	JP (+ Abstract in English)		
	AL	8-50722	02/20/96	JP (+ Abstract in English)		
	AM	10-69639	03/10/98	JP (+ Abstract in English)		
	AN	11-16251	01/22/99	JP (+ Abstract in English)		
vp	AO	2001-209941	08/03/01	JP (+ Abstract in English)		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AQ	
	AR	

EXAMINER 	DATE CONSIDERED 3/9/6
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* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).